

SECTION THREE - SHORTENED NEW ABSTRACT AS PRESENTED IN PRIOR AMENDMENT A.

PRESSURIZED FLUID CONTROLLER USING TILT / PUSH / PULL OPERATOR

Abstract: An intuitive pressurized fluid controller using tilt / push / pull (3 axis) operator includes a swivel joint such that it can move axially and tilt. A first array of valves is arranged to be activated as the lever tilts. A second array of valves is arranged so they can be activated when the lever is pulled axially. A third array of valves is arranged so they can be activated when the lever is pushed axially. When plumbed to a plurality of pressurable positioners supporting heavy equipment, the first array of valves can control the equipment pitch and roll as the lever is tilted, and the second / third arrays of valves can control the equipment elevation as the lever is pulled / pushed.